

Title (en)

Method and device for imaging an interior of an optically turbid medium

Title (de)

Verfahren und Vorrichtung zur Abbildung des Inneren eines optisch trüben Mediums

Title (fr)

Procédé et dispositif d'imagerie de l'intérieur d'un milieu optiquement trouble

Publication

EP 2057941 A1 20090513 (EN)

Application

EP 07120133 A 20071107

Priority

EP 07120133 A 20071107

Abstract (en)

The invention relates to a method and a device (30, 125) for imaging an interior of an optically turbid medium (40). Light from a light source (35) is coupled into the turbid medium (40). Detection light emanating from the turbid medium (40) as a result of coupling (5) light from the light source (35) into the turbid medium (40) is collected. A first characteristic and a second characteristic of collected detection light are measured simultaneously. Next, the ratio of a first linear combination of the measured characteristics and a second linear combination of the measured characteristics is taken based on the recognition that the noise in both linear combinations is correlated.

IPC 8 full level

A61B 5/00 (2006.01); **G01N 21/64** (2006.01)

CPC (source: EP US)

G01N 21/6428 (2013.01 - EP US); **G01N 21/6456** (2013.01 - EP US); **A61B 5/0091** (2013.01 - EP US); **G01N 2021/1787** (2013.01 - EP US); **G01N 2021/6484** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2057941 A1 20090513; CN 101848671 A 20100929; EP 2207476 A2 20100721; JP 2011503537 A 20110127; US 2010258741 A1 20101014; WO 2009060370 A2 20090514; WO 2009060370 A3 20090702

DOCDB simple family (application)

EP 07120133 A 20071107; CN 200880114925 A 20081103; EP 08846944 A 20081103; IB 2008054559 W 20081103; JP 2010531633 A 20081103; US 74104408 A 20081103